

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : HUBERT KOCH

Docket No.: 00-726

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Serial No.: 09/719,900

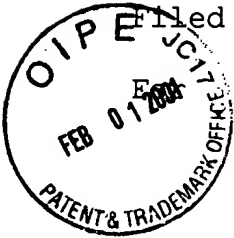
Examiner :

Filed : December 18, 2000

Art Unit :

: TREATMENT OF AN ALUMINUM
ALLOY MELT

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INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents and Trademarks
United States Patent & Trademark Office
Washington, D.C. 20231

Dear Sir:

In accordance with the requirements of 37 C.F.R. 1.97 and 1.98, Applicant hereby submits the prior art documents listed hereinbelow, copies enclosed, which prior art was cited in the corresponding International Search Report.

- (1) U.S. Patent No. 5,540,791 for PREFORMABLE ALUMINUM-ALLOY ROLLED SHEET ADAPTED FOR SUPERPLASTIC FORMING AND METHOD FOR PRODUCING THE SAME, By Mamoru Matsuo et al., Patented July 30, 1996. In this document an aluminum alloy with 2 to 8% magnesium further containing beryllium and vanadium is known. The alloy is processed to strips, cold preformed

and thereafter formed superplastically. There is no hint to use such an alloy in the cast condition.

- (2) European Patent Application 0 594 509, published April 27, 1994. This document is related to a process for manufacturing sheet from an aluminum magnesium alloy suitable for press forming. The alloy contains beryllium and vanadium. Also in this reference there is no indication to use such an alloy in the cast condition.
- (3) PATENT ABSTRACTS OF JAPAN, Vol. 095, No. 011, December 26, 1995 & JP 07 197177A (SKY ALUM CO LTD) August 1, 1995. This reference relates to a rolling product consisting of an aluminum magnesium alloy with an addition of beryllium and vanadium suitable for superplastic forming. Although this publication gives no hint to use the alloy as a casting alloy.
- (4) European Patent Application 0 110 190, published June 13, 1984. In this document aluminum magnesium alloys with an addition of vanadium are disclosed. The alloy shall be suitable for nuclear fusion reactors. In the examples given in the specification, the alloy is processed by

extrusion. No hint is given in the specification to use the alloy in the cast condition.

(5) German Patent Document 26 58 308, published June 8, 1978.

This reference relates to a process for manufacturing an aluminum master alloy containing strontium whereby beryllium is added to the melt.

The undersigned submits the above-identified references for independent consideration by the Examiner and does not make any admission that these references are or are not material to the present invention or that these references are or are not prior art with respect to the present invention.


If any charges are required in connection with this submission, it is requested that they be charged to Deposit Account No. 02-0184.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

on January 29, 2001
(Date of Deposit)
Antoinette Sullo
Name and Reg. No. of Applicant
Antoinette Sullo
Signature
1-29-01
Date of Signature

Respectfully submitted,

HUBERT KOCH

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Date: January 29, 2001